

## APPENDIX OF PENDING CLAIMS

2. (Amended) A method according to claim 7 further comprising adding a phosphoramidite group to the 3' position of said 2' modified nucleoside.
3. (Amended) A method according to claim 2 further comprising incorporating said phosphoramidite 2' modified nucleoside into a growing nucleic acid.
4. (Amended) A method according to claim 7 wherein said nucleoside is a naturally occurring nucleoside.
5. (Twice Amended) A method according to claim 7 wherein said nucleoside further comprises a nucleoside analog.
6. (Twice Amended) A method according to claim 7 wherein said activating agent is [carbonyldimidazole.]carbonyldiimidazole.
7. A method for making a 2' modified nucleoside comprising a covalently attached electron transport moiety, said method comprising:
  - a) adding an anhydro-nucleoside and a electron transfer moiety comprising a primary amine in the presence of an activation agent to form an activated anhydro-nucleoside;
  - b) treating said anydronucleoside with a cyclization agent to form a cyclized intermediate; and
  - c) treating said cyclized intermediate with a base to form said 2' modified nucleoside.
8. (Amended) A method according to claim 7 wherein said electron transfer [moieties]moiety [are]is a transition metal complex[es] comprising a transition metal and at least one ligand.
9. (Amended) A method according to claim 8 wherein said [electron transfer moieties] transition metal complex [are] comprises a transition metal s selected from the group consisting of ruthenium, rhenium, osmium, [platinum]platinum, cobalt, and iron.
10. (Amended) A method for making a 2' modified nucleoside comprising a covalently attached [polydentate ligand]transition metal complex, said method comprising:
  - a) adding an anhydro-nucleoside and a polydentate ligand comprising a primary amine in the presence of an activation agent to form an activated anhydro-nucleoside;
  - b) treating said anydronucleoside with a cyclization agent to form a cyclized intermediate; [and]
  - c) treating said cyclized intermediate with a base to form said 2' modified nucleoside[.]; and
  - d) adding a transition metal.

11. (Amended) A method according to claim [10]8 wherein the coordination atom of said [polydentate] ligand is selected from the group consisting of nitrogen, oxygen, sulfur, carbon and phosphorus.

12. Cancelled.

13. (Amended) A method according to claim [12]10 wherein said organometallic ligand is ferrocene.

14. (Amended) A method according to claim [12]10 wherein said organometallic ligand is a metallocene.

15. (New) A method according to claim 8 wherein said ligand is a sigma donor.